AMENDMENTS TO THE DRAWINGS

The attached sheet of drawings includes changes to Figure 1. This sheet, which includes Figures 1-2, replaces the original sheet including Figures 1-2. In Figure 1, "PRIOR ART" is labeled.

Attachments: Replacement Sheet

Annotated Sheet Showing Changes

REMARKS/ARGUMENTS

Applicant has reviewed and considered the Office Action dated July 3, 2007 and the references cited therein. In response thereto, the specification and drawings are amended; claims 1-4 are amended and pending in the present application. No new matter is introduced in the amendments.

Objection to Drawing

Figure 1 is objected to because a legend "PRIOR ART" is not designated. Figure 1 is amended to overcome the objection.

Rejection Under 35 U.S.C. § 112

Claims 1-4 are rejected under 35 U.S.C. § 112, second paragraph. Claims 1-4 are amended to clarify the invention.

The Examiner has asserted that the value of ΔPa-c, ΔPa-p and ΔPp-m is not defined in the specification, making the pending claims not complying with 35 USC 112. Also, the examiner has assumed that the value of ΔPa-c is 1 and thus considers that claim 1 does not comply with 35 USC 102 as it is the same as the prior art described in the background of the present invention.

Applicant respectfully traverses the rejections and respectfully believes that the Examiner has misunderstood the present invention. A brief explanation in accordance with the present invention is provided as follows:

As described in the background of the invention, on page 1, second paragraph, "a physical common packet channel is composed of an access prefix (AP), a conflict detection prefix (CD_P), a power control prefix (PCP), and the messages." And, it is desirable that in a successful access condition, the power level of the access prefix (AP), the conflict detection prefix (CD_P), the power control prefix (PCP), and the messages are all different. However, in the prior art, such power differences among the components of the channel are the same or are not correctly deal with. As further described in the background of the invention and FIG. 1: "An initial access prefix is started to be transmitted by using an evaluated value of an open loop

power, if the down-link acknowledgement information is not received, then the access prefix will be transmitted continuously by using the power bias of ΔP0. When the down-link acknowledgement information is received, then the conflict detection prefix will be transmitted by using **the same power**, after the acknowledgement information being received, the power control prefix and the messages will be transmitted by using the power bias of ΔPp-m **corresponding to the conflict detection prefix**."

On the other hand, the present invention utilizes the fact that in a successful access condition, the power level of the access prefix (AP), the conflict detection prefix (CD_P), the power control prefix (PCP), and the messages can be all different, thereby significantly increasing the performance of the linkage. According to the detailed description of the present invention, on page 4, first paragraph, "The power of the access prefix, which is the last one accessed successfully, is used as a reference to define the power bias magnitude of the conflict detection prefix as ΔPa-c and to define the power bias magnitude of the first time slot of the power control prefix as ΔPa-p, the subsequent time slots after the first time slot is adjusted based on the power control, and the power bias magnitude between the control section of the messages and the time slot of the last power control prefix is defined as ΔPp-m."

Accordingly, Applicant respectfully submits that

1) ΔPa-c is the power bias magnitude between the power of the access prefix, which is the last one accessed successfully and the power of the conflict detection prefix;

2) ΔPa-p is the power bias magnitude between the power of the access prefix, which is the last one accessed successfully and the power of the first time slot of the power control prefix;

3) ΔPp-m is the power bias magnitude between the power of the time slot of the last power control prefix and the power of the control section of the messages.

It is obvious that ΔPa-c, ΔPa-p and ΔPp-m are defined in the specification and are names of the variables that are used by the present invention. It is also obvious to the person of ordinary skilled in the art that the value of these variables are changeable in different conditions or applications. To clarify the confusion, claims 1-4 are now amended as shown above.

Rejection under 35 U.S.C. § 102

Claim 1 is rejected under 35 U.S.C. § 102(a) as being anticipated by applicant's admitted prior art "AAPA". Applicant respectfully traverses the rejection for at least the following reasons.

Applicant respectfully submits that the "prior art: AAPA" cited by the examiner cannot be found in the specification of the present application. In the "Background" part of the present invention, the conventional transmission method for the physical common packet channels that is utilized in prior art is introduced. However, according to the knowledge of the applicant, such a method is not called as "AAPA".

In addition, claim 1 recites a method for transmitting physical common packet channels having power bias, comprising: transmitting code division multiple access physical common packet channels; indicating an acquisition in a down-link physical common packet channel by a base station for an access prefix transmitted by user equipment; and transmitting conflict detection prefix by the user equipment to the base station by first power having a first power bias magnitude Δ Pa-c with power of the access prefix which is a last one accessed successfully.

The conventional transmission method discussed in the "Background" of the present application discloses that the conflict detection prefix is transmitted by using **the same power**, and no power bias magnitude is applied, whereas in the claimed invention, a power bias magnitude ΔPa-c is applied to the access prefix that is the last one accessed successfully.

Conclusion

In view of the above, it is respectfully submitted that the present application is in condition for allowance. Reconsideration of the present application and a favorable response are respectfully requested.

If a telephone conference would be helpful in resolving any remaining issues, please contact the undersigned at (612) 752-7367.

Respectfully submitted,

DORSEY & WHITNEY LLP
Customer Number 25763

Date: Oct. 3, 2007

By: _____
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Annotated Sheet

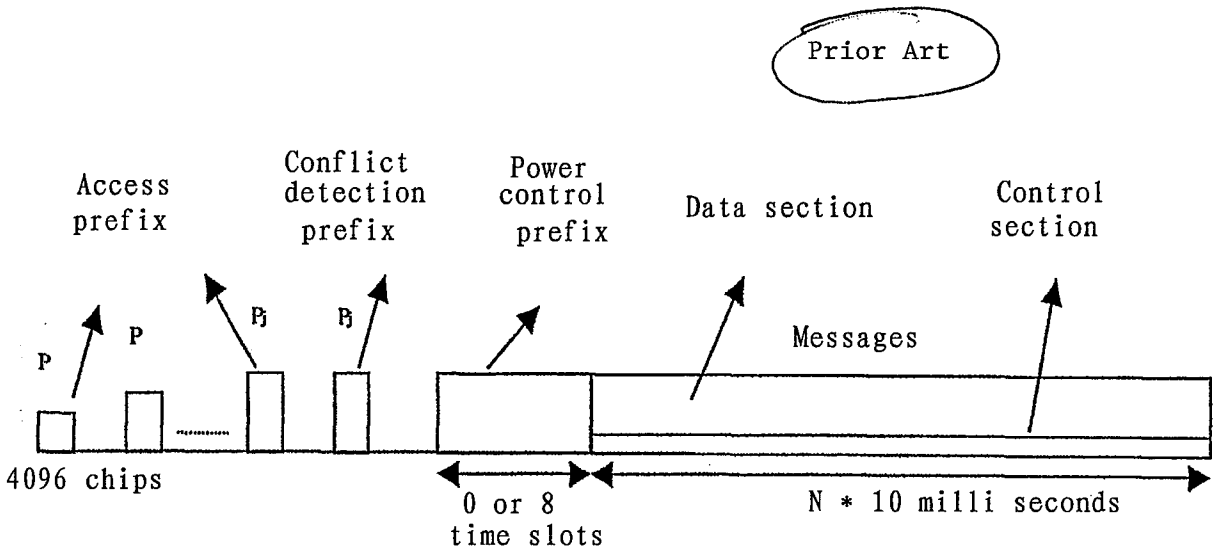

Figure 1

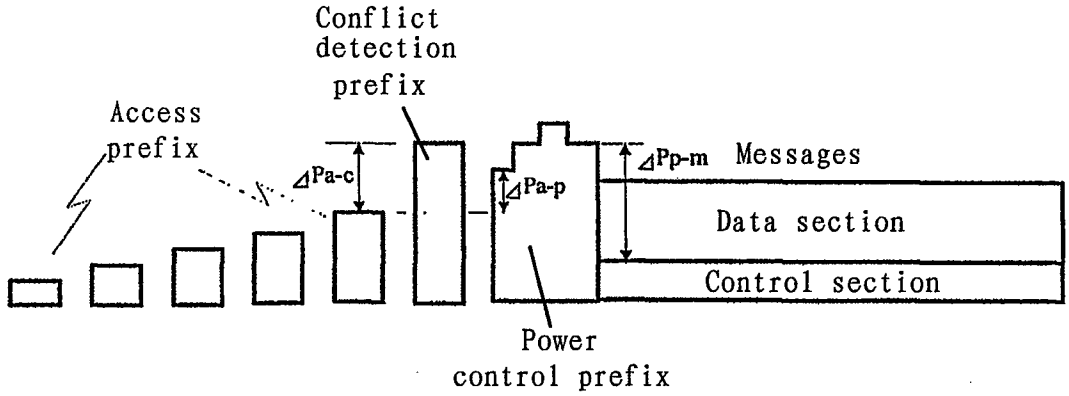

Figure 2